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SONY ?9 QUICK MANUAL

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SONY

α9

AF Setup Quick Guide

Introduction

This Quick Guide provides a number of sample AF setups that can help make the most of the advanced AF capabilities offered by the α9 in a variety of situations.

- The settings given may not be suitable for all photographic situations.
- The content of this guide applies to camera software version 1.01.
- Specifications listed in this Quick Guide may change without notice in accordance with future updates and improvements.
- Photographs are provided to illustrate the situations described in this guide, not to serve as sample a9 images.

Refer to the camera owner's manual or information provided on relevant Sony websites for operating details and specifications.

Product page: http://www.sony.net/ilce-9
Help guide: http://helpguide.sony.net/ilc/1650/v1/h_zz/

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Frequently used focus controls

Top

● **Upper: Drive mode dial**
Single Shooting / Hi, Mid, Lo Cont. Shooting / Self-timer / Bracket

● **Lower: Focus mode dial**
AF-S / AF-C / DMF / MF

● **Mode dial**
Intelligent Auto / P (Program Auto) / A (Aperture Priority) / S (Shutter Priority) / M (Manual Exposure) / 1/2/3 (Memory recall) / Movie / S&Q (Slow&Quick Motion)

Rear

● **MENU button**
Camera Settings / Network / Playback / Setup / My Menu

● **AF On button**
Focus without pressing the shutter button halfway down.

● **Multi-selector**
Move the focus area by pressing the multi-selector up / down / left / right.

Main focus settings

The recommended focus setups described on pages 11 through 35 include the following focus settings.

Focus Mode

Use this setting to select the focus mode that best suits the subject and subject motion.

Available Settings	AF-S (Single-shot AF) / AF-C (Continuous AF) / DMF (Direct Manual Focus) / MF (Manual Focus)
Procedure	Rotate the Focus Mode dial

Focus Area

Selects the focus area.

Available Settings	Wide / Zone / Center / Flexible Spot: S, M, L / Expand Flexible Spot / Lock-on AF
Procedure	MENU button - [1] 4 / 13 (AF1) - [Focus Area]

Assignable to Custom key (Shoot.) Fn ★ (My Menu)

Priority Set in AF-C

Determines whether the shutter will release if the subject is not in focus when continuous AF is activated and the subject is in motion.

Available Settings	AF / Release / Balanced Emphasis
Procedure	MENU button - [1] 4 / 13 (AF1) - [Priority Set in AF-C]

Assignable to ★ (My Menu)

AF Tracking Sensitivity

Selects the AF tracking sensitivity that applies when the subject goes out of focus while shooting still images.

Available Settings	5 (Responsive) / 4 / 3 (Standard) / 2 / 1 (Locked on)
Procedure	MENU button - [1] 5 / 13 (AF2) - [AF Track Sens]

Assignable to ★ (My Menu)

Match focus area to camera orientation

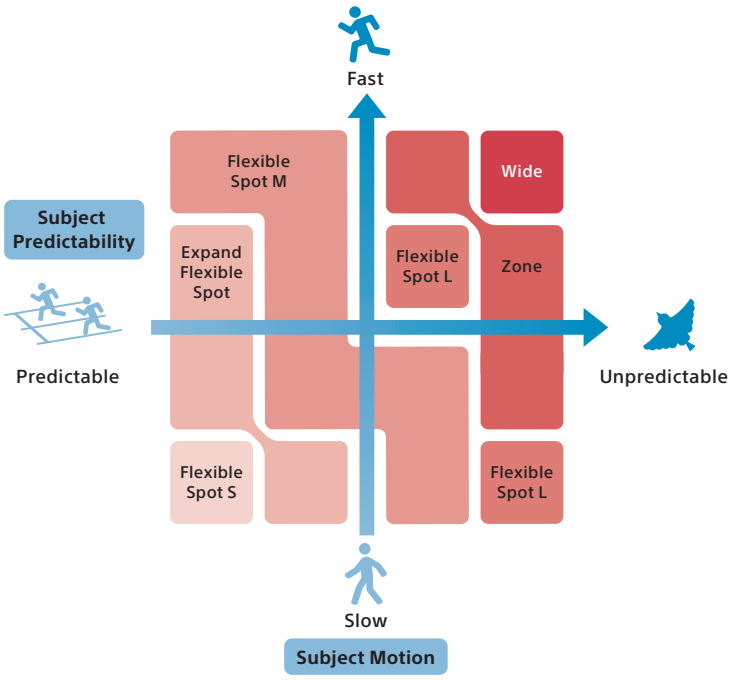
Determines whether the focus area and position of the focusing frame will be adjusted according to match horizontal/vertical camera orientation.

Available Settings	Off / AF Point Only / AF Point + AF Area
Procedure	MENU button - [1] 4 / 13 (AF1) - [Swt. V/H AF Area]

Assignable to ★ (My Menu)

AF area and subject motion

Select a narrow AF area mode for subjects that move slowly or predictably. A wide AF area is recommended for subjects that move rapidly and/or unpredictably.

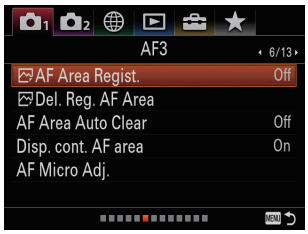


AF Menu

AF settings can be accessed via the following three display pages.

• MENU button - [1] 4 / 13 (AF1)

• MENU button - [1] 5 / 13 (AF2)



• MENU button - [1] 6 / 13 (AF3)

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Refer to the following webpage for conditions that may apply during continuous shooting:
http://www.sony.net/cont/ilce9/

Recommended settings for events and subjects

Ball games 1

Soccer / Football, Futsal, Handball

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M [2nd recommendation] Expand Flexible Spot	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	4*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Set AF sensitivity to 4 in situations where the ball is frequently passed between players.

Ball games 2

Basketball, Tennis, Volleyball

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Expand Flexible Spot**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Covers a wide range of situations.
** Recommended for pinpoint focus on a selected player.

Ball games 3

Rugby

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Expand Flexible Spot* [2nd recommendation] Flexible Spot M**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Covers a wide range of situations.
** Recommended for pinpoint focus on a selected player in a group.

Ball games 4

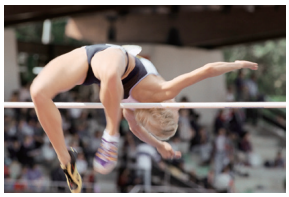
American football

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Expand Flexible Spot [2nd recommendation] Flexible Spot M	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	2*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Set sensitivity to 2 for stable tracking when players are colliding and moving chaotically.

Athletics / Track and field

Sprints (100m~), Hurdles, Javelin, Shot put, Long jump, Triple jump, High jump, Pole vault, Marathon



Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Expand Flexible Spot**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* For stable tracking.
** Recommended for pinpoint focus on a selected player.

Winter sports 1

Alpine skiing (near a gate, jump), Mogul, Snowboarding (Half-pipe slalom), Ski jumping (front, side), Biathlon, Short-track speed skating, Bobsleigh

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Expand Flexible Spot**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* For stable tracking.
** Recommended for pinpoint focus on a distant player or a player in a group.

Winter sports 2

Speed skating, Figure skating (Singles, Pairs)

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Zone**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* To focus on a specific player.
** This can make framing easier when the subject is close.

Winter sports 3

Ice hockey

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M [2nd recommendation] Expand Flexible Spot	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	4*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Set AF sensitivity to 4 when the puck is frequently being passed between players.

Winter sports 4

Curling

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M [2nd recommendation] Expand Flexible Spot	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	2*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Set AF sensitivity to 2 to stably track the curler.

Motor sports 1

Car racing, Karting, Motorcycling (on-road)

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Expand Flexible Spot**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* For stable tracking.
** Recommended for pinpoint focus on a distant vehicle or a vehicle in a group.

Motor sports 2

Motocross

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Wide**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* To focus on a specific player.
** Recommended for dynamic jump scenes.

Water sports

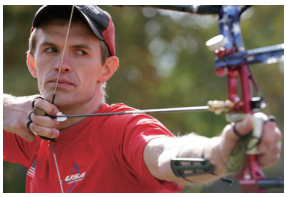
Swimming

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Expand Flexible Spot [2nd recommendation] Flexible Spot M	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	1 (Locked on) ~ 2*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* A lower sensitivity setting is recommended when tracking a frequently submerged swimmer.

Other sports 1

Cycling, Archery, Judo, Kendo, Horse racing, Speedboat racing, Sepak takraw



Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M [2nd recommendation] Expand Flexible Spot*	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* A small focus area and low sensitivity setting are recommended where the subject is frequently obscured.

Other sports 2

Canoeing, Equestrian events

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M [2nd recommendation] Expand Flexible Spot	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	2*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* Lower sensitivity as much as required to avoid interference from obstacles.

Non-sport categories 1

Trains and other railed vehicles, Wild birds

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Expand Flexible Spot	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* A small focus area and low sensitivity setting are recommended where the subject is frequently obscured.

Non-sport categories 2

Airplanes, Air shows

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Flexible Spot M* [2nd recommendation] Zone**	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* To focus on a specific aircraft.

** Recommended when fast, unpredictable motion makes framing difficult.

Non-sport categories 3

Wild animals

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	[1st recommendation] Expand Flexible Spot [2nd recommendation] Flexible Spot M	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	2*	[1] 5 / 13 (AF2)
Swt. V/H AF Area	AF point only	[1] 4 / 13 (AF1)

* A low AF sensitivity of 2 can minimize interference from grass and branches.

Recommended settings by scene type

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Scene type 1 p.30
General AF setup for a wide range of moving subjects in common situations.

Scene type 2 p.31
For accurate subject tracking in situations where obstacles might briefly obscure the subject.

Scene type 3 p.32
Switch smoothly between different subjects while shooting.

Scene type 4 p.33
For fast or erratic subjects that move in unpredictable ways.

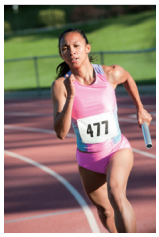
Scene type 5 p.34
Take advantage of a wide AF area for maximum framing and composition freedom.

Scene type 6 p.35
Shoot silently.

Refer to the following webpage for conditions that may apply during continuous shooting:
http://www.sony.net/cont/ilce9/

Scene type 1 — General AF setup for a wide range of moving subjects in common situations.

These settings can provide optimum focus performance for a wide range of moving subjects in common situations if the subject is relatively large and moves in a somewhat predictable manner.



Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	Flexible Spot M	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[1] 5 / 13 (AF2)
Drive Mode	Hi	Drive Mode Dial
Shutter Type	Auto / Electronic Shut.	[2] 4 / 9 (Shutter/SteadyShot)
Shutter Speed	1 / 1600 or higher	Rear / front Dial

Scene type 2 — For accurate subject tracking in situations where obstacles might briefly obscure the subject.

An AF Tracking Sensitivity setting of 2 can help to maintain pinpoint focus on a rapidly or erratically moving main subject by preventing focus from shifting to obstacles that might occasionally come between the subject and camera.

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	Expand Flexible Spot	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	2	[1] 5 / 13 (AF2)
Drive Mode	Hi	Drive Mode Dial
Shutter Type	Auto / Electronic Shut.	[2] 4 / 9 (Shutter/SteadyShot)
Shutter Speed	1 / 1600 or higher	Rear / front Dial

Scene type 3 — Switch smoothly between different subjects while shooting.

An AF Tracking Sensitivity setting of 4 can make it easier to repeatedly switch framing and focus from one moving subject to another while shooting.

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	Flexible Spot M	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	4	[1] 5 / 13 (AF2)
Drive Mode	Hi	Drive Mode Dial
Shutter Type	Auto / Electronic Shut.	[2] 4 / 9 (Shutter/SteadyShot)
Shutter Speed	1 / 1600 or higher	Rear / front Dial

Scene type 4 — For fast or erratic subjects that move in unpredictable ways.

Set the Focus Area to Zone when shooting fast-moving subjects at close range, or when shooting subjects that move unpredictably, to maximize framing freedom.

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	Zone	[1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[1] 4 / 13 (AF1)
AF track Sens.	3 (Standard) ~ 4	[1] 5 / 13 (AF2)
Drive Mode	Hi	Drive Mode Dial
Shutter Type	Auto / Electronic Shut.	[2] 4 / 9 (Shutter/SteadyShot)
Shutter Speed	1 / 1600 or higher	Rear / front Dial

Scene type 5 — Take advantage of a wide AF area for maximum framing and composition freedom.

Set the Focus Area to Wide when you need maximum freedom to create a variety of different compositions using the entire frame.

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	Wide	[📷1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[📷1] 4 / 13 (AF1)
AF track Sens.	3 (Standard) ~ 4	[📷1] 5 / 13 (AF2)
Drive Mode	Hi	Drive Mode Dial
Shutter Type	Auto / Electronic Shut.	[📷2] 4 / 9 (Shutter/SteadyShot)
Shutter Speed	1 / 1600 or higher	Rear / front Dial

Scene type 6 — Shoot silently.

An ideal setup for situations where you need to shoot silently and/or without vibration.

Item	Recommended settings	Use
Focus Mode	AF-C	Focus Mode Dial
Focus Area	Flexible Spot M	[📷1] 4 / 13 (AF1)
Priority Set in AF-C	Balanced Emphasis	[📷1] 4 / 13 (AF1)
AF track Sens.	3 (Standard)	[📷1] 5 / 13 (AF2)
Drive Mode	Hi	Drive Mode Dial
Shutter Type	Electronic Shut.	[📷2] 4 / 9 (Shutter/SteadyShot)
Shutter Speed	1 / 1600 or higher	Rear / front Dial

Customizing the button settings

Assign a desired function to a desired button.

■ Assignable buttons

C1, C2, C3, C4, Multi-selector center button, Center button, AEL, AF-ON, Right button, Left button, Down button, Focus hold button, Fn button

■ Available items

Quality	Center Lock-on AF	White Balance	SteadyS. Focal Len.
Image Size	Eye AF	Priority Set in AWB	Zoom
Aspect Ratio	AF On	DRO / Auto HDR	Aperture Preview
APS - C/Super 35mm	Focus Hold	Creative Style	Shot. Result Preview
Drive Mode	Exposure Comp.	Picture Effect	Finder / Monitor Sel.
Selftimer during Brkt	ISO	Focus Magnifier	Finder Frame Rate
Memory	ISO AUTO Min. SS	Peaking Level	Zebra
Recall Custom hold 1	Metering Mode	Peaking Color	Grid Line
Recall Custom hold 2	AEL hold	Face Detection	Live View Display
Recall Custom hold 3	AEL toggle	In-Camera Guide	Bright Monitoring
AF / MF Control Hold	Spot AEL hold	Movie	Deactivate Monitor
AF / MF Ctl Toggle	Spot AEL toggle	S&Q Frame Rate	Audio signals
Focus Standard	Flash Mode	Audio Rec Level	Sent to Smartphone
Focus Area	Flash Comp.	Audio Level Display	FTP Transfer
Focus Settings	FE Lock hold	Marker Disp. Sel.	Monitor Brightness
Regist. AF Area hold	FEL Lock toggle	Shutter Type	TC / UB Disp. Switch
Regist. AF Area tggle	FEL Lock / AEL hold	SteadyShot	Select Rec. Media
Regist. AF Area + AF On	FEL Lock / AEL tggle	SteadyShot Adjust.	Not set

= cannot be assigned to Left / Right / Down button

Recall Custom Setting During Hold

Register shooting settings to a custom button in advance for temporary recall while the button is held.

■ Assignable buttons

C1, C2, C3, C4, Multi-selector center button, Center button, AEL, AF-ON, Focus hold button

■ Available settings

Available items	Available settings
Shoot mode	P, A, S, M
Aperture	F1 ~ 90
Shutter speed	BULB ~ 1 / 16000
Drive mode	ALL other than Self-timer
Exposure compensation	-5.0 ~ +5.0
ISO	AUTO, 50 ~ 204800
Metering mode	ALL
Focus mode	ALL
Focus area	ALL, Registered Focus Area
AF on	AF on

Continued to next page.

Recall Custom Setting During Hold (Continued)

■ Procedure

• MENU button - [2] 8 / 9
→ [Custom Key (Shoot.)]

• Select the desired button from [Custom Key (Shoot.)], then select from [Recall Custom hold 1] to [Recall Custom hold 3] on [Custom button 1] 2 / 19 (Shoot Mode/ Drive).

• Check (✓) or uncheck to activate/ deactivate.

• Select settings and register.

My Menu

Register the desired menu items to ★ (My Menu), selectable from the MENU list.

• **Add Item**
Up to 30 items (6 items per page, 5 pages max.) can be added to ★ (My Menu).

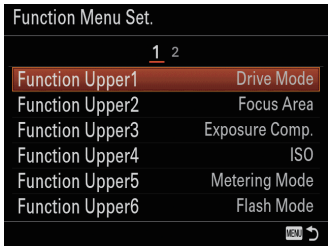
• **Sort Item**
The order and position of the items can be arranged as desired.

• **Delete Item**
Delete Items, Page or All.

Customizing the Fn (Function) button

Register frequently used functions to the Fn (function) button for fast access while shooting.

- MENU button - [2] 8 / 9 → [Function Menu Set.]

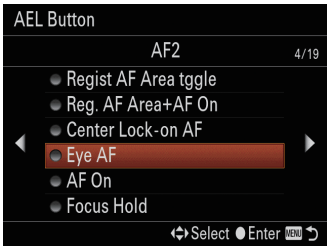


- Up to 12 frequently used functions can be registered to the Fn (Function) button.

Customizing the Eye AF

The camera focuses on the subject's eyes while the button is held.Eye AF can be assigned to a desired button. (Center button as a default)

- MENU button - [2] 8 / 9 (Custom Operation1) – Custom Key (Shoot.)

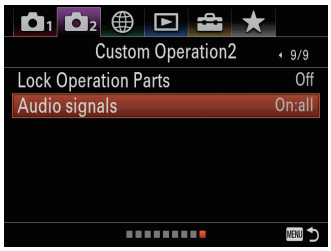


- Select a desired button, then assign the [Eye AF] function to that button.

Silent shutter

The electronic shutter* can be used in situations that require silence (no shutter sound).

• MENU button - [2] 4 / 9 – [Shutter Type] – [Electronic Shut.]



• MENU button - [2] 9 / 9 – [Audio signals] – [Off] or [On: other than e-shut]

* Shutter speeds slower than 1 / 8 sec. cannot be selected for continuous shooting. Focus will not track the subject at apertures smaller than F11 (F-numbers higher than F11) during continuous shooting.

FTP file transfer

Transfer images to an FTP server after connecting the camera to a network via LAN cable or wireless LAN.

• LAN connection

MENU button - [ ] 2 / 3 (Network2)

• Select server

MENU button - [ ] 1 / 3 (Network1)

• Wi-Fi connection

MENU button - [ ] 2 / 3 (Network2)

For details, refer to the "FTP Help Guide."
http://helpguide.sony.net/di/ftp/v1/h_zz/index.html

SONY

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